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Page 1 of 7

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/046,060A

DATE: 08/12/2002
TIME: 14:13:18

Input Set : A:\2976-C SeqListce filed 101801.txt
Output Set: N:\CRF3\08122002\J046060A.raw

3 <110> APPLICANT: Sims, John E.
5 <120> TITLE OF INVENTION: FIL-1 THETA DNAs AND POLYPEPTIDES
7 <130> FILE REFERENCE: 2976-C

C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/046,060A

C--> 10 <141> CURRENT FILING DATE: 2002-07-23

12 <150> PRIOR APPLICATION NUMBER: US 60/178,389

13 <151> PRIOR FILING DATE: 2000-01-27

15 <150> PRIOR APPLICATION NUMBER: US 60/195,962

16 <151> PRIOR FILING DATE: 2000-04-11

18 <150> PRIOR APPLICATION NUMBER: US 09/769,878

19 <151> PRIOR FILING DATE: 2001-01-25

21 <160> NUMBER OF SEQ ID NOS: 21

23 <170> SOFTWARE: PatentIn version 3.1

25 <210> SEQ ID NO: 1

26 <211> LENGTH: 339

27 <212> TYPE: DNA

28 <213> ORGANISM: Homo sapiens

30 <400> SEQUENCE: 1

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33 atccaggggag ggagccgctg cctggcatgt gtggagacag aagaggggcc ttccctaca\$ 120
35 ctggaggatg tgaacattga ggaactgtac aaaggtggtg aagaggccac acgcttcacc 180
37 ttcttccaga gcagctcagg ctccgccttc aggcttgagg ctgctgcctg gcctggctgg 240
39 ttcctgtgtg gcccgccaga gccccagcag ccagtacagc tcaccaagga gagtgagccc 300
41 tcagcccgta ccaagttta cttgaacag agctggtag 339

44 <210> SEQ ID NO: 2

45 <211> LENGTH: 112

46 <212> TYPE: PRT

47 <213> ORGANISM: Homo sapiens

49 <400> SEQUENCE: 2

51 Lys Ile Cys Ile Leu Pro Asn Arg Gly Leu Ala Arg Thr Lys Val Pro
52 1 5 10 15
55 Ile Phe Leu Gly Ile Gln Gly Ser Arg Cys Leu Ala Cys Val Glu
56 20 25 30
59 Thr Glu Gly Pro Ser Leu Gln Leu Glu Asp Val Asn Ile Glu Glu
60 35 40 45
63 Leu Tyr Lys Gly Gly Glu Ala Thr Arg Phe Thr Phe Phe Gln Ser
64 50 55 60
67 Ser Ser Gly Ser Ala Phe Arg Leu Glu Ala Ala Ala Trp Pro Gly Trp
68 65 70 75 80
71 Phe Leu Cys Gly Pro Ala Glu Pro Gln Gln Pro Val Gln Leu Thr Lys
72 85 90 95
75 Glu Ser Glu Pro Ser Ala Arg Thr Lys Phe Tyr Phe Glu Gln Ser Trp
76 100 105 110

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Input Set : A:\2976-C SeqListce filed 101801.txt
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79 <210> SEQ ID NO: 3
 80 <211> LENGTH: 459
 81 <212> TYPE: DNA
 82 <213> ORGANISM: Homo sapiens
 84 <220> FEATURE:
 85 <221> NAME/KEY: CDS
 86 <222> LOCATION: (1)..(456)
 87 <223> OTHER INFORMATION:
 90 <400> SEQUENCE: 3
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 92 Met Cys Ser Leu Pro Met Ala Arg Tyr Tyr Ile Ile Lys Tyr Ala Asp
 93 1 5 10 15
 95 cag aag gct cta tac aca aga gat ggc cag ctg ctg gtg gga gat cct 96
 96 Gln Lys Ala Leu Tyr Thr Arg Asp Gly Gln Leu Leu Val Gly Asp Pro
 97 20 25 30
 99 gtt gca gac aac tgc tgt gca gag aag atc tgc aca ctt cct aac aga 144
 100 Val Ala Asp Asn Cys Cys Ala Glu Lys Ile Cys Thr Leu Pro Asn Arg
 101 35 40 45
 103 ggc ttg gac cgc acc aag gtc ccc att ttc ctg ggg atc cag gga ggg 192
 104 Gly Leu Asp Arg Thr Lys Val Pro Ile Phe Leu Gly Ile Gln Gly Gly
 105 50 55 60
 107 agc cgc tgc ctg gca tgt gtg gag aca gaa gag ggg cct tcc cta cag 240
 108 Ser Arg Cys Leu Ala Cys Val Glu Thr Glu Glu Pro Ser Leu Gln
 109 65 70 75 80
 111 ctg gag gat gtg aac att gag gaa ctg tac aaa ggt ggt gaa gag gcc 288
 112 Leu Glu Asp Val Asn Ile Glu Glu Leu Tyr Lys Gly Gly Glu Ala
 113 85 90 95
 115 aca cgc ttc acc ttc ttc cag agc agc tca ggc tcc gcc ttc agg ctt 336
 116 Thr Arg Phe Thr Phe Gln Ser Ser Gly Ser Ala Phe Arg Leu
 117 100 105 110
 119 gag gcc gct gcc tgg cct ggc tgg ttc ctg tgt ggc ccg gca gag ccc 384
 120 Glu Ala Ala Ala Trp Pro Gly Trp Phe Leu Cys Gly Pro Ala Glu Pro
 121 115 120 125
 123 cag cag cca gta cag ctc act aag gag agt gag ccc tca gcc cgt acc 432
 124 Gln Gln Pro Val Gln Leu Thr Lys Glu Ser Glu Pro Ser Ala Arg Thr
 125 130 135 140
 127 aag ttt tac ttt gaa cag agc tgg tag 459
 128 Lys Phe Tyr Phe Glu Gln Ser Trp
 129 145 150
 132 <210> SEQ ID NO: 4
 133 <211> LENGTH: 152
 134 <212> TYPE: PRT
 135 <213> ORGANISM: Homo sapiens
 137 <400> SEQUENCE: 4
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 140 1 5 10 15
 143 Gln Lys Ala Leu Tyr Thr Arg Asp Gly Gln Leu Leu Val Gly Asp Pro
 144 20 25 30
 147 Val Ala Asp Asn Cys Cys Ala Glu Lys Ile Cys Thr Leu Pro Asn Arg

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148      35          40          45
151 Gly Leu Asp Arg Thr Lys Val Pro Ile Phe Leu Gly Ile Gln Gly Gly
152      50          55          60
155 Ser Arg Cys Leu Ala Cys Val Glu Thr Glu Glu Gly Pro Ser Leu Gln
156      65          70          75          80
159 Leu Glu Asp Val Asn Ile Glu Glu Leu Tyr Lys Gly Gly Glu Glu Ala
160      85          90          95
163 Thr Arg Phe Thr Phe Phe Gln Ser Ser Ser Gly Ser Ala Phe Arg Leu
164      100         105         110
167 Glu Ala Ala Ala Trp Pro Gly Trp Phe Leu Cys Gly Pro Ala Glu Pro
168      115         120         125
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172      130         135         140
175 Lys Phe Tyr Phe Glu Gln Ser Trp
176 145           150
179 <210> SEQ ID NO: 5
180 <211> LENGTH: 21
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: DNA primer
187 <400> SEQUENCE: 5
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191 <210> SEQ ID NO: 6
192 <211> LENGTH: 19
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196 <220> FEATURE:
197 <223> OTHER INFORMATION: DNA primer
199 <400> SEQUENCE: 6
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204 <211> LENGTH: 27
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
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217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: DNA primer
223 <400> SEQUENCE: 8
224 ctccagctgt aggaaagg                                18
227 <210> SEQ ID NO: 9
228 <211> LENGTH: 23

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Input Set : A:\2976-C SeqListce filed 101801.txt
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230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: DNA primer
235 <400> SEQUENCE: 9
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239 <210> SEQ ID NO: 10
240 <211> LENGTH: 20
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: DNA primer
247 <400> SEQUENCE: 10
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253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: DNA primer
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264 <211> LENGTH: 20
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial Sequence
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269 <223> OTHER INFORMATION: DNA primer
271 <400> SEQUENCE: 12
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276 <211> LENGTH: 22
277 <212> TYPE: DNA
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: DNA primer
283 <400> SEQUENCE: 13
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287 <210> SEQ ID NO: 14
288 <211> LENGTH: 538
289 <212> TYPE: DNA
290 <213> ORGANISM: Mus musculus
292 <220> FEATURE:
293 <221> NAME/KEY: CDS
294 <222> LOCATION: (29)..(487)
295 <223> OTHER INFORMATION:
298 <400> SEQUENCE: 14
299 tgaagaccag acactcccaa ctgcagga atg tgc tcc ctt ccc atg gca aga 52
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Input Set : A:\2976-C SeqListce filed 101801.txt

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301	1	5	
303 tac tac ata atc aag gat gca cat caa aag gct ttg tac aca cgg aat			100
304 Tyr Tyr Ile Ile Lys Asp Ala His Gln Lys Ala Leu Tyr Thr Arg Asn			
305 10	15	20	
307 ggc cag ctc ctg ctg gga gac cct gat tca gac aat tat agt cca gag			148
308 Gly Gln Leu Leu Leu Gly Asp Pro Asp Ser Asp Asn Tyr Ser Pro Glu			
309 25	30	35	40
311 aag gtc tgt atc ctt cct aac cga ggc cta gac cgc tcc aag gtc ccc			196
312 Lys Val Cys Ile Leu Pro Asn Arg Gly Leu Asp Arg Ser Lys Val Pro			
313 45	50	55	
315 atc ttc ctg ggg atg cag gga gga agt tgc tgc ctg gcg tgt gta aag			244
316 Ile Phe Leu Gly Met Gln Gly Ser Cys Cys Leu Ala Cys Val Lys			
317 60	65	70	
319 aca aga gag gga cct ctc ctg cag ctg gag gat gtg aac atc gag gac			292
320 Thr Arg Glu Gly Pro Leu Leu Gln Leu Glu Asp Val Asn Ile Glu Asp			
321 75	80	85	
323 cta tac aag gga ggt gaa caa acc acc cgt ttc acc ttt ttc cag aga			340
324 Leu Tyr Lys Gly Gly Glu Gln Thr Thr Arg Phe Thr Phe Phe Gln Arg			
325 90	95	100	
327 agc ttg gga tct gcc ttc agg ctt gag gct gct gcc tgc cct ggc tgg			388
328 Ser Leu Gly Ser Ala Phe Arg Leu Glu Ala Ala Cys Pro Gly Trp			
329 105	110	115	120
331 ttt ctc tgt ggc cca gct gag ccc cag cag cca gtg cag ctc acc aaa			436
332 Phe Leu Cys Gly Pro Ala Glu Pro Gln Gln Pro Val Gln Leu Thr Lys			
333 125	130	135	
335 gag agt gaa ccc tcc acc cat act gaa ttc tac ttt gag atg agt cgg			484
336 Glu Ser Glu Pro Ser Thr His Thr Glu Phe Tyr Phe Glu Met Ser Arg			
337 140	145	150	
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344 <212> TYPE: PRT			
345 <213> ORGANISM: Mus musculus			
347 <400> SEQUENCE: 15			
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354 20	25	30	
357 Asp Ser Asp Asn Tyr Ser Pro Glu Lys Val Cys Ile Leu Pro Asn Arg			
358 35	40	45	
361 Gly Leu Asp Arg Ser Lys Val Pro Ile Phe Leu Gly Met Gln Gly Gly			
362 50	55	60	
365 Ser Cys Cys Leu Ala Cys Val Lys Thr Arg Glu Gly Pro Leu Leu Gln			
366 65	70	75	80
369 Leu Glu Asp Val Asn Ile Glu Asp Leu Tyr Lys Gly Gly Glu Gln Thr			
370 85	90	95	
373 Thr Arg Phe Thr Phe Phe Gln Arg Ser Leu Gly Ser Ala Phe Arg Leu			
374 100	105	110	
377 Glu Ala Ala Ala Cys Pro Gly Trp Phe Leu Cys Gly Pro Ala Glu Pro			

VERIFICATION SUMMARY

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Input Set : A:\2976-C SeqListce filed 101801.txt

Output Set: N:\CRF3\08122002\J046060A.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date